

WHAT IS CLAIMED IS:

1. A system for designing a business process, comprising:

an introspection module operable to transform a
5 plurality of implementation-specific components into a plurality of generic components, the implementation-specific components associated with a plurality of implementations;

a component manager coupled to the introspection
10 module and operable to define the generic components; and

a process designer coupled to the component manager and operable to:

select at least one of the generic components from the component manager; and

15 generate a business process operable to use the at least one of the generic components.

2. The system of Claim 1, further comprising one or more process engines, a process engine operable to
20 execute the business process.

3. The system of Claim 1, wherein the introspection module is operable to:

determine an implementation associated with at least
25 one of the implementation-specific components;

retrieve the at least one of the implementation-specific components;

map each of the at least one of the implementation-specific components to a generic component to yield a
30 mapping; and

save the mapping.

4. The system of Claim 1, wherein the introspection module comprises a plurality of implementation modules, an implementation module operable to retrieve one or more implementation-specific components associated with an implementation.

5. The system of Claim 1, further comprising a debugger coupled to the process designer and operable to detect an error of the business process.

6. The system of Claim 1, further comprising:
one or more process engines, a process engine operable to execute the business process;
a data warehouse coupled to the one or more process engines and operable to store transactional data describing the executed business process; and
a data server coupled to the data warehouse and operable to organize the transactional data.

7. A method for designing a business process, comprising:

transforming a plurality of implementation-specific components into a plurality of generic components at an introspection module, the implementation-specific components associated with a plurality of implementations;

defining the generic components at a component manager;

selecting at least one of the generic components from the component manager using a process designer; and generating a business process operable to use the at least one of the generic components.

8. The method of Claim 7, further comprising executing the business process at one or more process engines.

9. The method of Claim 7, wherein transforming the implementation-specific components comprises:

determining an implementation associated with at least one of the implementation-specific components;

retrieving the at least one of the implementation-specific components;

mapping each of the at least one of the implementation-specific components to a generic component to yield a mapping; and

saving the mapping.

10. The method of Claim 7, wherein the introspection module comprises a plurality of implementation modules, an implementation module operable to retrieve one or more implementation-specific components associated with an implementation.

11. The method of Claim 7, further comprising detecting an error of the business process using a debugger.

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12. The method of Claim 7, further comprising:
executing the business process at one or more process engines;

storing transactional data describing the executed business process in a data warehouse; and
organizing the transactional data at a data server.

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13. Logic for designing a business process, the logic encoded in a computer-readable medium and operable to:

transform a plurality of implementation-specific components into a plurality of generic components at an introspection module, the implementation-specific components associated with a plurality of implementations;

define the generic components at a component manager;

select at least one of the generic components from the component manager at a process designer; and

generate a business process operable to use the at least one of the generic components.

14. The logic of Claim 13, wherein the logic is further operable to execute the business process at one or more process engines.

15. The logic of Claim 13, wherein the logic is operable to transform the implementation-specific components by:

determining an implementation associated with at least one of the implementation-specific components;

retrieving the at least one of the implementation-specific components;

mapping each of the at least one of the implementation-specific components to a generic component to yield a mapping; and

saving the mapping.

16. The logic of Claim 13, wherein the introspection module comprises a plurality of implementation modules, an implementation module operable to retrieve one or more implementation-specific components associated with an implementation.

17. The logic of Claim 13, wherein the logic is further operable to detect an error of the business process at a debugger.

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18. The logic of Claim 13, wherein the logic is further operable to:

execute the business process at one or more process engines;

15 store transactional data describing the executed business process in a data warehouse; and
organize the transactional data at a data server.

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19. A system for designing a business process,
comprising:

means for transforming a plurality of
implementation-specific components into a plurality of
5 generic components at an introspection module, the
implementation-specific components associated with a
plurality of implementations;

means for defining the generic components at a
component manager;

10 means for selecting at least one of the generic
components from the component manager at a process
designer; and

means for generating a business process operable to
use the at least one of the generic components.

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20. A system for designing a business process,
comprising:

an introspection module operable to transform a
plurality of implementation-specific components into a
5 plurality of generic components, the implementation-
specific components associated with a plurality of
implementations, by:

determining an implementation associated with
at least one of the implementation-specific components;

10 retrieving the at least one of the
implementation-specific components;

mapping each of the at least one of the
implementation-specific components to a generic component
to yield a mapping; and

15 saving the mapping, the introspection module
comprising a plurality of implementation modules, an
implementation module operable to retrieve one or more
implementation-specific components associated with an
implementation;

20 a component manager coupled to the introspection
module and operable to define the generic components;

a process designer coupled to the component manager
and operable to:

25 select at least one of the generic components
from the component manager; and

generate a business process operable to use the
at least one of the generic components;

a debugger coupled to the process designer and
operable to detect an error of the business process;

30 one or more process engines, a process engine
operable to execute the business process;

a data warehouse coupled to the one or more process engines and operable to store transactional data describing the executed business process; and

a data server coupled to the data warehouse and
5 operable to organize the transactional data.